



Project Number: _____
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GRANT APPLICATION FORM

Arizona Community Challenge Grant Program

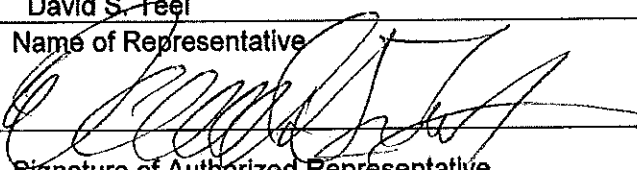
Project Title: Patagonia Mock Park Planning and Improvement
Category: Planning
Location (City): Patagonia
Tree City USA (if applicable): yes ☒ Yes ☐ No
Name of Applicant: Town of Patagonia
Address of Applicant: PO Box 767
City: Patagonia State: AZ Zip: 8
Contact Person: David S. Teel Daytime Phone: 5203942229
E-Mail: patagoniagov@qwestoffice.net Organization's Federal ID: 866000660

Brief Project Description: (Please attach a separate, maximum 3-page narrative that clearly states the project need, objectives, methods, and deliverables.)

| | | | |
|--|---|---|---|
| Is this project currently funded? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Was this project previously funded? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Will this project be possible without grant funding? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Can this project occur without full requested amount? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

| | |
|------------------------------|---------------------|
| (a) UCF Funds Requested | \$ <u>14,000.00</u> |
| (b) Local \$ Match Provided | \$ <u>3,300.00</u> |
| (c) Value of In-Kind Match | \$ <u>11,400.00</u> |
| Total Project Amount (a+b+c) | \$ <u>28,700.00</u> |

Timetable: (Starting Date) 1/1/2015 (Ending Date) 12/31/2015
Volunteer Involvement [Name of Group(s)]:
Patagonia Tree and Park Committee, Patagonia Youth Enrichment Center

| | |
|---|--|
| <u>David S. Teel</u> Name of Representative | <u>Town Manager</u> Title of Representative |
|  Signature of Authorized Representative | <u>10/23/2014</u> Date |

Upon authorization of approval for financial assistance, grantees will be assigned a grant number and a maximum dollar amount to expend. Prior to expending funds, applicants must submit an updated project workplan.



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BUDGET PROPOSAL FORM

Arizona Community Challenge Grant Program

Applicant Name: Town of Patagonia

Project Title: Patagonia Mock Park Planning and Improvement

| Item | Grant Share Direct Expenses or Cash Purchases | MATCH | | | Total |
|--|--|---|---|---|--------------------|
| | | Applicant Direct Expenses or Cash Purchases | Applicant In-kind Personnel Services; Volunteer and Staff Hours | Applicant In-kind Donated: Services, Supplies, or Equipment Use | |
| Administration (Project-allocable general overhead costs) | \$0.00 | \$0.00 | \$1,400.00 | \$0.00 | \$1,400.00 |
| Personnel (Project- related Labor, both staff and volunteer time, Fringe Benefits) | \$0.00 | \$0.00 | \$9,000.00 | \$0.00 | \$9,000.00 |
| Contracted Services (Forestry professionals, consultants, landscape architects, arborists, engineers, etc.) | \$10,000.00 | \$1,000.00 | \$0.00 | \$0.00 | \$11,000.00 |
| Supplies (itemize as necessary – plant materials, research materials, educational materials, postage, etc.) | \$4,000.00 | \$2,000.00 | \$0.00 | \$1,000.00 | \$7,000.00 |
| Other: | \$0.00 | \$300.00 | \$0.00 | \$0.00 | \$300.00 |
| TOTAL: | \$14,000.00 | \$3,300.00 | \$10,400.00 | \$1,000.00 | \$28,700.00 |

This form is for the summary of your budget information. A detailed list of expenditures and a budget narrative should be provided on additional pages if necessary.

Applicant information.

Patagonia is a small town of 913 residents. At an altitude of 4,062 feet, we are part of the Sky Islands and are a transition zone between the Sonoran and Chihuahuan deserts. Since Patagonia depends heavily on tourism, we want our town to be attractive to outsiders as well as for the health and benefit of the local residents. Here in Patagonia we also include birds and other creatures as important for our way of life. And trees are beneficial to all of us. We became a Tree City USA last year and we are the smallest Tree City USA in the state of Arizona. Our goals for this project are: Increase our potential for tree canopy through wise planning; write a management document for pruning, removal and replacement of town trees; advocate for the future of the town trees by involving the local citizens, especially the youth.

Project need.

Immediately southwest of Patagonia's main town park is an area called Dr. Mock Park. It is an expanse of mowed grass over degraded soil. It follows the former railroad bed that ran through town and is used as a parking lot at certain times of the year. There is great potential to turn this public space into an area covered with trees. Our future citizens, the youth, need to be aware of the importance trees have in our lives. Our park crew needs guidance in tree management and they need suitable tools to perform their job. Mock Park needs a water line hook up for future tree planting.

Our grant request is to: Hire a consultant to develop a one year and five-year master plan for this area to become a suitable habitat for trees; involve the youth from Patagonia High School and the Patagonia Youth Center; purchase needed equipment for the town crew, and extend a waterline in Mock Park.

Project Objectives

1. Obtain a detailed step by step one year and five year master plan for Mock Park to become a suitable habitat for trees.
2. Create a management document for tree pruning, removal and replacement of town trees, and the proper use of mulch.
3. Increase public knowledge, especially of the youth, of the potential of creating an ecosystem that will support trees.
4. Partner with Borderlands Restoration, The Nature Conservancy, Patagonia High School, and the Patagonia Youth Center to accomplish project objectives.

Anticipated Project Benefits.

1. Having a master plan to follow that is created by experts will be beneficial to park staff and park volunteers for the future transformation of Mock Park from a neglected field to an oasis of green canopy.
2. Having a tree management document will guide and educate our park staff in proper tree care.
3. Patagonia youth and other citizens will learn to evaluate and create environments for tree habitats,

with the potential of expanding tree canopy in Patagonia.

4. The Town of Patagonia, and hence our trees, will benefit from forming partnerships with other local organizations because of the opportunity to share knowledge.

Project methods

i Activities in scope of work.

The primary consultant for this project is Borderlands Restoration (BR). They are a limited profit organization, the first of its kind in AZ. Limited profit organizations are required to function as viable businesses that earn income, but with the requirement that they create jobs and community capacity building opportunities, and invest profits back into communities by hiring locals and increasing infrastructure and other capacities. BR's mission is to reconnect wildlife, land, and people in the Arizona/Sonora Borderlands region by involving people in restoring the ecosystem on which they depend.

BR has a staff of 15, and an annual budget of \$100,000. BR is located in Patagonia AZ and focuses its work in southeastern Arizona and Northern Sonora (see borderlandsrestoration.org for more information). BR will prepare a one year and five year master plan for Mock Park. The plan will evaluate the site and give step-by-step recommendations for tree habitat restoration. The plans could include the following:

- Map water flow and develop plans for swales and other drainage features to capture storm water runoff.
- Evaluate soil depth and characteristics, and give recommendations for soil restoration. Give recommendations for future tree species and identify most viable locations for planting.
- Write up a protocol for invasive species removal and control.
- Outline best opportunities for the public enjoyment of this park.

In addition to writing up the master plans, BR will conduct four workshops. These workshops will be hands-on demonstration projects with the intention of teaching technical skills to youth, park staff and citizens to use in planning, developing and maintaining tree habitat. BR will be responsible for coordinating with the high school science teacher and the director of the youth center to identify, engage and support the youth involved in this project. BR will also organize invasive species removal in partnership with The Nature Conservancy.

ii Participants

David Seibert, PhD, director of Borderlands Restoration, Bryan Jungers, environmental engineer with BR, Yunghi Choi, landscape architect and Patagonia Tree and Park committee member, Anna Coleman, director of the Youth Center of Patagonia, Charles Mitsak, Patagonia High School science teacher, Francisco Valenzuela, head of town maintenance, Luke Reese, director of The Nature Conservancy in Patagonia, Patagonia Tree and Park Committee members, students, and volunteers from town and

surrounding areas.

ii Administration Dave Teel, Town Manager

iv Facilities and equipment

Town equipment includes chipper, chainsaws, trucks and loaders, mulch, new water connection components and water lines.

v Timetable January 2015 to December 2015

vi Outcome/results

The gradual transformation of Mock Park from a neglected field to an oasis of green canopy will, over time, more than double the amount of canopy cover over the park. Improvements to visitor experience will only enhance the economic effect on the Town. The project will also showcase a low impact approach from the "bottom up" to create an ecosystem that will support trees for the long-term. The hired consultant, Borderlands Restoration, will share techniques of soil restoration, storm water management, and proper tree selection with the Town crew to increase the crew's knowledge base and effectiveness. The youth will have a vested interest in the creation of a new green space. They are the future stewards of our trees. The public can apply these approaches to their own homes and other locales, amplifying the effects. Finally, we are creating a future habitat for wildlife.

Budget narrative

Administration. Applicant in-kind match. \$1,400.00 for the town to administer the grant.

Personnel Town staff to install a water hook-up and lines, assist in the project as needed, remove invasive species, chip and spread mulch. Applicant in-kind match for town staff: \$5,000.00.

Volunteer hours to support the project will provide additional in-kind match of \$4,000.00 including :
Youth at minimum wage, adults at \$20.00 per hour: \$3000.00.
20 hours at \$50.00 per hour for Yunghi Choi, landscape architect to prepare a tree management documentary: \$1,000.00.

Contracted services

Borderlands Restoration consultant David Seibert and staff, to write plans, conduct four workshops, coordinate with other organizations and BR staff. Grant contribution \$8,000.00.
Patagonia Youth Center director Anna Coleman, to involve youth volunteer participation. Grant contribution: \$2,000.00. Applicant cash match contribution: \$1,000.00

Supplies:

Stump grinder and tow kit, chipper blade replacements, parts for water line hook up, supplies for the youth involvement projects and workshops. Soil amendments. Grant contribution: \$4,000.00. Applicant contribution of \$1000.00 for in-kind equipment use and \$2,000.00 in cash contribution.

Other:

Applicant cash contribution of \$300.00 for Phoenix showcase.